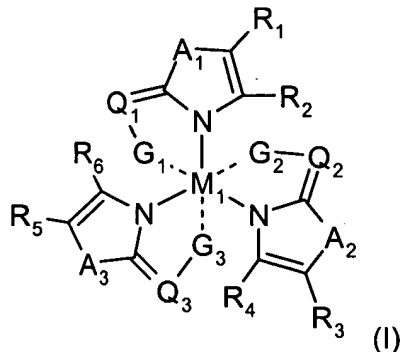


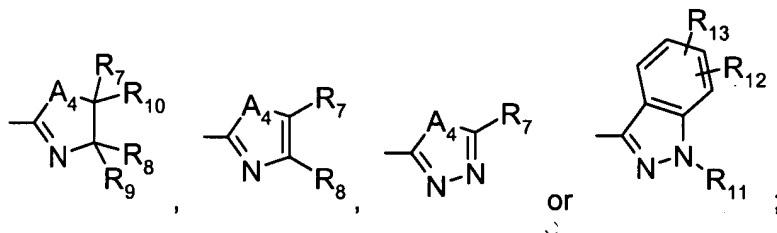
In the claims:

1. **(currently amended)** An optical recording medium comprising a substrate, a recording layer and optionally one or more reflecting layers, wherein the recording layer comprises a compound of formula



or a tautomer thereof, wherein

G<sub>1</sub>, G<sub>2</sub> and G<sub>3</sub> are each independently of the other



A<sub>1</sub>, A<sub>2</sub> and A<sub>3</sub> are each independently of the other N(R<sub>14</sub>), O, S or Se and A<sub>4</sub> is C(C<sub>1</sub>-C<sub>5</sub>alkyl)<sub>2</sub>, C(C<sub>4</sub>-C<sub>5</sub>alkylene), N(R<sub>14</sub>), O, S, Se, N=C(R<sub>15</sub>) or CH=C(R<sub>16</sub>);

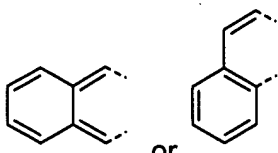
M<sub>1</sub> is an at least trivalent metal of groups 3 to 15 [formerly groups IIIA to VB]; ~~preferably Co(III), Cr(III), Ru(III), Fe(III), Mn(III), V(III), Ti(III), Y(III), Mo(III), W(III), Nb(III), Rh(III), Ta(III), Ir(III), Au(III), Al(III), As(III), Sb(III), Bi(III), Sc(III), La(III), Ce(III), Pr(III), Nd(III), Pm(III), Sm(III), Eu(III), Gd(III), Tb(III), Dy(III), Ho(III), Er(III), Tm(III), Yb(III) or Lu(III), most preferred Co(III) or Cr(III);~~

~~Q<sub>1</sub>, Q<sub>2</sub> and Q<sub>3</sub> are each independently of the other C(R<sub>17</sub>), N or P;~~

R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, R<sub>8</sub>, R<sub>9</sub>, R<sub>10</sub> and R<sub>16</sub> are each independently of the others hydrogen, R<sub>18</sub>, or C<sub>6</sub>-C<sub>12</sub>aryl, C<sub>4</sub>-C<sub>12</sub>heteroaryl, C<sub>7</sub>-C<sub>12</sub>aralkyl or C<sub>5</sub>-C<sub>12</sub>heteroaralkyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>18</sub>; or

R<sub>1</sub> and R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub>, R<sub>5</sub> and R<sub>6</sub>, R<sub>7</sub> and R<sub>8</sub>, R<sub>7</sub> and R<sub>15</sub> and/or R<sub>7</sub> and R<sub>16</sub>, together in pairs, are C<sub>3</sub>-C<sub>6</sub>alkylene or C<sub>3</sub>-C<sub>6</sub>alkenylene, each of which is unsubstituted or substituted by one or more,

where applicable identical or different, radicals  $R_{19}$  and may be uninterrupted or interrupted by O, S or



$N(R_{14})$ , or 1,4-butadiene, or , each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{18}$  and in which 1 or 2 carbon atoms may have been replaced by nitrogen;

$R_{11}$ ,  $R_{14}$  and  $R_{15}$  are each independently of the others  $C_1$ - $C_{24}$ alkyl,  $C_3$ - $C_{24}$ cycloalkyl,  $C_2$ - $C_{24}$ alkenyl,  $C_3$ - $C_{24}$ cycloalkenyl,  $C_1$ - $C_4$ alkyl-[O- $C_1$ - $C_4$ alkylene] $_m$  or  $C_1$ - $C_4$ alkyl-[NH- $C_1$ - $C_4$ alkylene] $_m$ , each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{19}$ ; or  $C_6$ - $C_{12}$ aryl,  $C_4$ - $C_{12}$ heteroaryl,  $C_7$ - $C_{12}$ aralkyl or  $C_5$ - $C_{12}$ heteroaralkyl, each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{18}$ ;

$R_{12}$ ,  $R_{13}$  and  $R_{18}$  are each independently of the others  $R_{20}$  or  $C_1$ - $C_{12}$ alkyl,  $C_3$ - $C_{12}$ cycloalkyl,  $C_1$ - $C_{12}$ alkylthio,  $C_3$ - $C_{12}$ cycloalkylthio,  $C_1$ - $C_{12}$ alkoxy or  $C_3$ - $C_{12}$ cycloalkoxy each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{19}$ ;

$R_{17}$  is hydrogen, halogen, cyano, hydroxy,  $C_1$ - $C_{12}$ alkoxy,  $C_3$ - $C_{12}$ cycloalkoxy,  $C_1$ - $C_{12}$ alkylthio,  $C_3$ - $C_{12}$ cycloalkylthio, amino, nitro, formyl,  $C(R_{16})=CR_{21}R_{22}$ ,  $C(R_{16})=NR_{23}$ ,  $N=CR_{23}R_{24}$ ,  $NHR_{25}$ ,  $NR_{26}R_{27}$ ,  $COO-R_{26}$ , carboxy, carbamoyl,  $CONH-R_{26}$ ,  $CONR_{26}R_{27}$ ,  $R_{28}$ ,  $N=N-R_{28}$  or  $R_{29}$ ;

$R_{19}$  is halogen, hydroxy,  $O-R_{26}$ ,  $O-CO-R_{26}$ ,  $S-R_{26}$ ,  $NH_2$ ,  $NH-R_{26}$ ,  $NR_{26}R_{27}$ ,  $NH_3^+$ ,  $NH_2R_{26}^+$ ,  $NHR_{26}R_{27}^+$ ,  $NR_{25}R_{26}R_{27}^+$ ,  $NR_{26}-CO-R_{25}$ ,  $NR_{26}COOR_{25}$ , cyano, formyl,  $COO-R_{26}$ , carboxy, carbamoyl,  $CONH-R_{26}$ ,  $CONR_{26}R_{27}$ , ureido,  $NH-CO-NHR_{25}$ ,  $NR_{26}-CO-NHR_{25}$ , phosphato,  $PR_{25}R_{26}$ ,  $POR_{25}OR_{26}$ ,  $P(=O)OR_{25}OR_{26}$ ,  $OPR_{25}R_{26}$ ,  $OPR_{25}OR_{26}$ ,  $OP(=O)R_{25}OR_{26}$ ,  $OPO_3R_{26}$ ,  $OP(=O)OR_{25}OR_{26}$ ,  $SO_2R_{26}$ , sulfato, sulfo,  $R_{28}$ ,  $N=N-R_{28}$ , or  $C_1$ - $C_{12}$ alkoxy or  $C_1$ - $C_{12}$ cycloalkoxy each unsubstituted or mono- or poly-substituted by halogen;

$R_{20}$  is halogen, nitro, cyano, thiocyanato, hydroxy,  $O-R_{23}$ ,  $O-CO-R_{23}$ ,  $S-R_{23}$ ,  $CHO$ ,  $COR_{24}$ ,  $CHOR_{23}OR_{30}$ ,  $CR_{24}OR_{23}OR_{30}$ ,  $R_{31}$ ,  $N=N-R_{31}$ ,  $N=CR_{23}R_{24}$ ,  $N=CR_{21}R_{22}$ ,  $C(R_{32})=NR_{23}$ ,  $C(R_{32})=NR_{21}$ ,  $C(R_{32})=CR_{21}R_{22}$ ,  $NH_2$ ,  $NH-R_{23}$ ,  $NR_{23}R_{24}$ ,  $NH_3^+$ ,  $NH_2R_{23}^+$ ,  $NHR_{23}R_{24}^+$ ,  $NR_{23}R_{24}R_{30}^+$ ,  $CONH_2$ ,  $CONHR_{23}$ ,  $CONR_{23}R_{24}$ ,  $SO_2R_{23}$ ,  $SO_2NH_2$ ,  $SO_2NHR_{23}$ ,  $SO_2NR_{23}R_{24}$ ,  $COOH$ ,  $COOR_{23}$ ,  $OCOOR_{23}$ ,  $NHCOR_{23}$ ,  $NR_{23}COR_{30}$ ,  $NHCOOR_{23}$ ,  $NR_{23}COOR_{30}$ , ureido,  $NR_{23}-CO-NHR_{30}$ ,  $B(OH)_2$ ,  $B(OH)(OR_{23})$ ,  $B(OR_{23})OR_{30}$ ,

phosphato,  $\text{PR}_{23}\text{R}_{30}$ ,  $\text{POR}_{23}\text{OR}_{30}$ ,  $\text{P(=O)OR}_{23}\text{OR}_{30}$ ,  $\text{OPR}_{23}\text{R}_{30}$ ,  $\text{OPR}_{23}\text{OR}_{30}$ ,  $\text{OP(=O)R}_{23}\text{OR}_{30}$ ,  $\text{OP(=O)OR}_{23}\text{OR}_{30}$ ,  $\text{OPO}_3\text{R}_{23}$ , sulfato or sulfo;

$\text{R}_{21}$  and  $\text{R}_{22}$  are each independently of the other  $\text{NR}_{26}\text{R}_{27}$ ,  $\text{CN}$ ,  $\text{CONH}_2$ ,  $\text{CONHR}_{23}$ ,  $\text{CONR}_{23}\text{R}_{24}$  or  $\text{COOR}_{24}$ ;

$\text{R}_{23}$ ,  $\text{R}_{24}$  and  $\text{R}_{30}$  are each independently of the others  $\text{R}_{31}$ , or  $\text{C}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ ,  $\text{C}_2\text{-C}_{12}\text{alkenyl}$  or  $\text{C}_3\text{-C}_{12}\text{cycloalkenyl}$  each unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy,  $\text{C}_1\text{-C}_{12}\text{alkoxy}$  or  $\text{C}_3\text{-C}_{12}\text{cycloalkoxy}$  radicals; or  $\text{R}_{16}$  and  $\text{R}_{23}$  together,  $\text{R}_{17}$  and  $\text{R}_{23}$  together and/or  $\text{R}_{23}$  and  $\text{R}_{30}$  together are  $\text{C}_2\text{-C}_{12}\text{alkylene}$ ,  $\text{C}_3\text{-C}_{12}\text{cycloalkylene}$ ,  $\text{C}_2\text{-C}_{12}\text{alkenylene}$  or  $\text{C}_3\text{-C}_{12}\text{cycloalkenylene}$ , each of which is unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy,  $\text{C}_1\text{-C}_{12}\text{alkoxy}$  or  $\text{C}_3\text{-C}_{12}\text{cycloalkoxy}$  radicals; or

$\text{R}_{23}$  and  $\text{R}_{24}$  together with the common nitrogen are pyrrolidine, piperidine, piperazine or morpholine, each of which is unsubstituted or mono- to tetra-substituted by  $\text{C}_1\text{-C}_4\text{alkyl}$ ; or carbazole, phenoxazine or phenothiazine, each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $\text{R}_{33}$ ;

$\text{R}_{25}$ ,  $\text{R}_{26}$  and  $\text{R}_{27}$  are each independently of the others  $\text{C}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ ,  $\text{C}_2\text{-C}_{12}\text{alkenyl}$ ,  $\text{C}_3\text{-C}_{12}\text{cycloalkenyl}$ ,  $\text{C}_6\text{-C}_{12}\text{aryl}$ ,  $\text{C}_4\text{-C}_{12}\text{heteroaryl}$ ,  $\text{C}_7\text{-C}_{12}\text{aralkyl}$  or  $\text{C}_5\text{-C}_{12}\text{heteroaralkyl}$ ; or

$\text{R}_{26}$  and  $\text{R}_{27}$  together with the common nitrogen are pyrrolidine, piperidine, piperazine or morpholine, each of which is unsubstituted or mono- to tetra-substituted by  $\text{C}_1\text{-C}_4\text{alkyl}$ ;

$\text{R}_{28}$  is  $\text{C}_6\text{-C}_{12}\text{aryl}$ ,  $\text{C}_4\text{-C}_{12}\text{heteroaryl}$ ,  $\text{C}_7\text{-C}_{12}\text{aralkyl}$  or  $\text{C}_5\text{-C}_{12}\text{heteroaralkyl}$ , each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $\text{R}_{20}$  or  $\text{R}_{29}$ ;

$\text{R}_{29}$  is  $\text{C}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ ,  $\text{C}_2\text{-C}_{12}\text{alkenyl}$  or  $\text{C}_3\text{-C}_{12}\text{cycloalkenyl}$  each unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy,  $\text{C}_1\text{-C}_{12}\text{alkoxy}$  or  $\text{C}_3\text{-C}_{12}\text{cycloalkoxy}$  radicals;

$\text{R}_{31}$  is  $\text{C}_6\text{-C}_{12}\text{aryl}$ ,  $\text{C}_4\text{-C}_{12}\text{heteroaryl}$ ,  $\text{C}_7\text{-C}_{12}\text{aralkyl}$  or  $\text{C}_5\text{-C}_{12}\text{heteroaralkyl}$ , each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $\text{R}_{33}$ ;

$R_{32}$  is hydrogen, cyano, hydroxy,  $C_1$ - $C_{12}$ alkoxy,  $C_3$ - $C_{12}$ cycloalkoxy,  $C_1$ - $C_{12}$ alkylthio,  $C_3$ - $C_{12}$ cycloalkylthio, amino,  $NHR_{25}$ ,  $NR_{26}R_{27}$ ,  $R_{28}$ , halogen, nitro, formyl,  $N=N-R_{28}$ ,  $COO-R_{26}$ , carboxy, carbamoyl,  $CONH-R_{26}$ ,  $CONR_{26}R_{27}$ ,  $N=CR_{23}R_{24}$ , or  $C_1$ - $C_{12}$ alkyl,  $C_3$ - $C_{12}$ cycloalkyl,  $C_2$ - $C_{12}$ alkenyl or  $C_3$ - $C_{12}$ cycloalkenyl each unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy,  $C_1$ - $C_{12}$ alkoxy or  $C_3$ - $C_{12}$ cycloalkoxy radicals;

$R_{33}$  is nitro,  $SO_2NHR_{26}$ ,  $SO_2NR_{26}R_{27}$ , or  $C_1$ - $C_{12}$ alkyl,  $C_3$ - $C_{12}$ cycloalkyl,  $C_1$ - $C_{12}$ alkylthio,  $C_3$ - $C_{12}$ cycloalkylthio,  $C_1$ - $C_{12}$ alkoxy or  $C_3$ - $C_{12}$ cycloalkoxy each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{19}$ ;

and

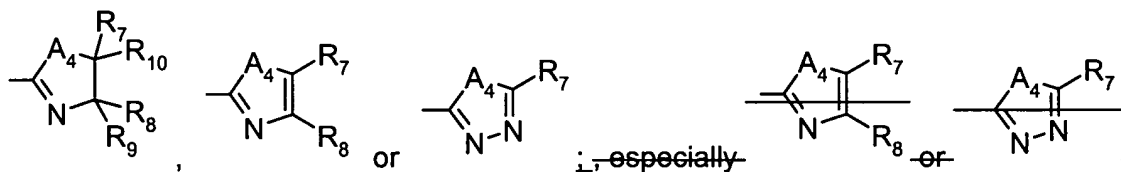
$m$  is a number from 1 to 10.

2. **(currently amended)** An optical recording medium according to claim 1, wherein  $M1$  is a trebly positively charged cation, ~~preferably  $Co^{3+}$ ,  $Cr^{3+}$ ,  $Ru^{3+}$ ,  $Fe^{3+}$ ,  $Mn^{3+}$ ,  $Au^{3+}$ ,  $Al^{3+}$ ,  $Sb^{3+}$ ,  $Bi^{3+}$ ,  $Se^{3+}$ ,  $La^{3+}$  or  $Ce^{3+}$ , most preferred  $Co^{3+}$  or  $Cr^{3+}$ .~~

3. **(currently amended)** An optical recording medium according to claim 1 ~~or 2~~, wherein the recording layer comprises a compound of formula (I) wherein

$A_1$ ,  $A_2$ ,  $A_3$  and  $A_4$  are each independently of the others O, S or N( $R_{14}$ ) and/or  $Q_1$ ,  $Q_2$  and  $Q_3$  are C( $R_{17}$ ) or N;

$G_1$ ,  $G_2$  and  $G_3$  are each independently of the other



$R_1$ ,  $R_3$ ,  $R_5$ ,  $R_7$ ,  $R_{10}$  and  $R_{16}$  are each independently of the others hydrogen,  $R_{18}$ , or  $C_6$ - $C_{12}$ aryl or  $C_7$ - $C_{12}$ aralkyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{18}$ ;

$R_2$ ,  $R_4$ ,  $R_6$ ,  $R_8$  and  $R_9$  are each independently of the others H, F, OH,  $OCH_3$ ,  $OCF_3$ ,  $CH_3$ ,  $CF_3$ ,  $C_2H_5$ ,  $C_2H_2F_3$ ,  $C_2H_3F_2$ ,  $C_2F_5$ ,  $CH_2OH$ ,  $CF_2OH$  or  $CH_2OCH_3$ ;

$R_{14}$  and  $R_{15}$  are each independently of the others unsubstituted or  $R_{19}$ -substituted  $C_1$ - $C_8$ alkyl;

$R_{12}$  and  $R_{18}$  are each independently of the other halogen, nitro, cyano,  $O-R_{23}$ ,  $CHO$ ,  $CH=C(CN)_2$ ,  $CH=C(CN)CONH_2$ ,  $CH=C(CN)CONHR_{23}$ ,  $CH=C(CN)CONR_{23}R_{24}$ ,  $CH=C(CN)COOR_{23}$ ,  $CH=C(COOR_{23})COOR_{24}$ ,  $CONH_2$ ,  $CONHR_{23}$ ,  $CONR_{23}R_{24}$ ,  $SO_2C_1-C_{12}alkyl$ ,  $SO_2NH_2$ ,  $SO_2NHR_{23}$ ,  $SO_2NR_{23}R_{24}$ ,  $COOH$ ,  $COOR_{23}$ ,  $NHCOR_{23}$ ,  $NR_{23}COR_{30}$ ,  $NHCOOR_{23}$ ,  $NR_{23}COOR_{30}$ , ureido,  $P(=O)OR_{23}OR_{30}$ , sulfo, or  $C_1-C_{12}alkyl$ ,  $C_1-C_{12}alkylthio$  or  $C_1-C_{12}alkoxy$  each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{19}$ ;

$R_{17}$  is hydrogen, halogen, cyano, nitro, formyl,  $C(R_{16})=CR_{21}R_{22}$ ,  $C(R_{16})=NR_{23}$ ,  $COO-R_{26}$ , carboxy, carbamoyl,  $CONH-R_{26}$ ,  $CONR_{26}R_{27}$ ,  $N=N-R_{28}$ , or  $C_1-C_{12}alkyl$  unsubstituted or substituted by one or more halogen substituents;

$R_{19}$  is halogen, hydroxy,  $O-R_{26}$ ,  $NH_2$ ,  $NH-R_{26}$ ,  $NR_{26}R_{27}$ ,  $NR_{26}CO-R_{25}$ ,  $NR_{26}COOR_{25}$ , cyano,  $COO-R_{26}$ , carboxy,  $CONH-R_{26}$ ,  $CONR_{26}R_{27}$ , sulfato, sulfo, or  $C_1-C_{12}alkoxy$  unsubstituted or mono- or poly-substituted by halogen;

$R_{23}$ ,  $R_{24}$  and  $R_{30}$  are each independently of the others  $C_1-C_{12}alkyl$  unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy or  $C_1-C_{12}alkoxy$  radicals, or unsubstituted  $C_6-C_{12}aryl$  or  $C_7-C_{12}aralkyl$ ; or

$R_{23}$  and  $R_{24}$  together with the common nitrogen are morpholine, or piperidine N-substituted by  $C_1-C_4alkyl$ ;

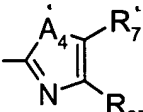
$R_{25}$ ,  $R_{26}$  and  $R_{27}$  are each independently of the others  $C_1-C_{12}alkyl$ ,  $C_2-C_{12}alkenyl$ ,  $C_6-C_{12}aryl$  or  $C_7-C_{12}aralkyl$ ; or

$R_{26}$  and  $R_{27}$  together with the common nitrogen are morpholine, or piperidine N-substituted by  $C_1-C_4alkyl$ ;

$R_{31}$  is unsubstituted or substituted  $C_6-C_{12}aryl$  or  $C_7-C_{12}aralkyl$ ; ~~especially a metallocenyl radical~~; and/or

$m$  is a number from 1 to 4.

4. **(currently amended)** An optical recording medium according to claim 1, ~~2 or 3~~, wherein the recording layer comprises a compound of formula (I) wherein Q<sub>1</sub>, Q<sub>2</sub> and Q<sub>3</sub> are C(R<sub>17</sub>); G<sub>1</sub>, G<sub>2</sub> and G<sub>3</sub>

are ; and A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub> and A<sub>4</sub> are O, S or N(R<sub>14</sub>);

R<sub>14</sub> is C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkyl-[O-C<sub>1</sub>-C<sub>4</sub>alkylene]<sub>m</sub> or C<sub>1</sub>-C<sub>4</sub>alkyl-[NH-C<sub>1</sub>-C<sub>4</sub>alkylene]<sub>m</sub>, each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>19</sub>, or C<sub>6</sub>-C<sub>12</sub>aryl unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>18</sub>;

R<sub>17</sub> is hydrogen, cyano, COO-R<sub>26</sub> or C<sub>1</sub>-C<sub>12</sub>alkyl;

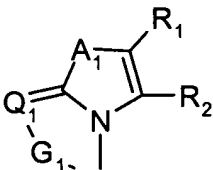
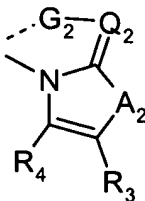
R<sub>18</sub> is halogen, nitro, cyano, O-R<sub>23</sub>, CH=C(CN)<sub>2</sub>, COOR<sub>23</sub>, ureido, CONR<sub>26</sub>R<sub>27</sub>, SO<sub>2</sub>R<sub>26</sub>,

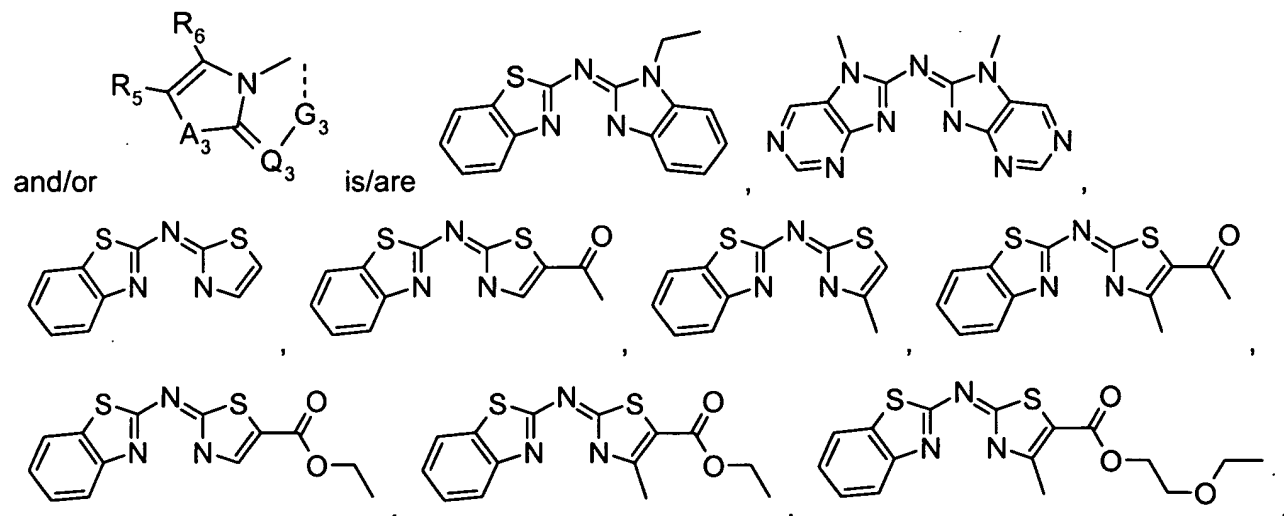
P(=O)OR<sub>23</sub>OR<sub>30</sub> or unsubstituted or substituted C<sub>1</sub>-C<sub>12</sub>alkyl;

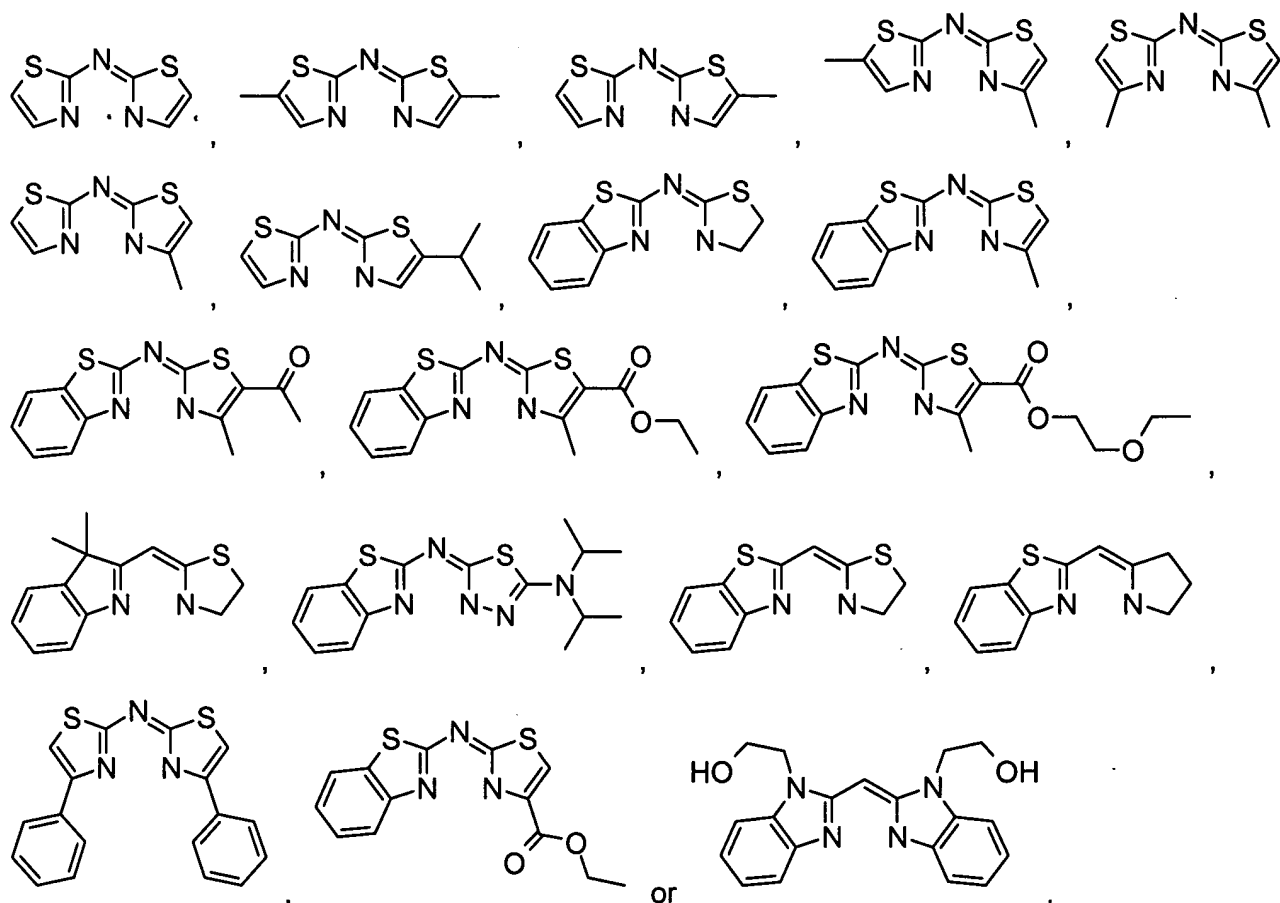
R<sub>19</sub> is halogen, hydroxy, O-R<sub>26</sub>, cyano, COO-R<sub>26</sub> or carboxy; and

R<sub>37</sub> is H, methyl, ethyl or isopropyl, ~~in particular H.~~

5. **(currently amended)** An optical recording medium according to claim 1, ~~2, 3 or 4~~, wherein the

recording layer comprises a compound of formula (I) wherein  and/or 





6. **(currently amended)** An optical recording medium according to claim 1, ~~2, 3, 4 or 5~~, wherein the recording layer is substantially amorphous.
7. **(currently amended)** An optical recording medium according to claim 1, ~~2, 3, 4, 5 or 6~~, additionally comprising a covering layer, wherein substrate, reflector layer, recording layer and covering layer are arranged in that order.
8. **(currently amended)** An optical recording medium according to claim 1, ~~2, 3, 4, 5, 6 or 7~~, which in addition to comprising a compound of formula (I) comprises a metal-free chromophore.
9. **(currently amended)** A method of recording or playing back data, wherein the data on an optical recording medium according to claim 1, ~~2, 3, 4, 5, 6, 7 or 8~~ are recorded or played back at a wavelength of from 350 to 500 nm.
10. **(original)** A compound of formula (I) according to claim 1.

11. **(original)** A compound according to claim 10, wherein R<sub>2</sub>, R<sub>4</sub>, R<sub>6</sub>, R<sub>8</sub>, R<sub>9</sub> and R<sub>11</sub> are hydrogen.

12. **(currently amended)** ~~Use of a compound according to claim 10 or 11~~ A method of for optical recording, wherein the data is recorded on an optical recording medium containing a compound according to claim 10 ~~preferably~~ at a wavelength of from 350 to 500 nm.

13. **(new)** An optical recording medium according to claim 1, wherein in formula (I) M<sub>1</sub> is Co(III), Cr(III), Ru(III), Fe(III), Mn(III), V(III), Ti(III), Y(III), Mo(III), W(III), Nb(III), Rh(III), Ta(III), Ir(III), Au(III), Al(III), As(III), Sb(III), Bi(III), Sc(III), La(III), Ce(III), Pr(III), Nd(III), Pm(III), Sm(III), Eu(III), Gd(III), Tb(III), Dy(III), Ho(III), Er(III), Tm(III), Yb(III) or Lu(III).

14. **(new)** An optical recording medium according to claim 13, wherein M<sub>1</sub> is Co(III) or Cr(III).

15. **(new)** An optical recording medium according to claim 3, wherein R<sub>31</sub> is unsubstituted or substituted especially a metallocenyl radical.

16. **(new)** An optical recording medium according to claim 3, wherein in formula (I) M<sub>1</sub> is Co(III), Cr(III), Ru(III), Fe(III), Mn(III), V(III), Ti(III), Y(III), Mo(III), W(III), Nb(III), Rh(III), Ta(III), Ir(III), Au(III), Al(III), As(III), Sb(III), Bi(III), Sc(III), La(III), Ce(III), Pr(III), Nd(III), Pm(III), Sm(III), Eu(III), Gd(III), Tb(III), Dy(III), Ho(III), Er(III), Tm(III), Yb(III) or Lu(III).

17. **(new)** An optical recording medium according to claim 15, wherein M<sub>1</sub> is Co(III) or Cr(III).

18. **(new)** An optical recording medium according to claim 4, wherein in formula (I) M<sub>1</sub> is Co(III), Cr(III), Ru(III), Fe(III), Mn(III), V(III), Ti(III), Y(III), Mo(III), W(III), Nb(III), Rh(III), Ta(III), Ir(III), Au(III), Al(III), As(III), Sb(III), Bi(III), Sc(III), La(III), Ce(III), Pr(III), Nd(III), Pm(III), Sm(III), Eu(III), Gd(III), Tb(III), Dy(III), Ho(III), Er(III), Tm(III), Yb(III) or Lu(III).

19. **(new)** An optical recording medium according to claim 5, wherein in formula (I) M<sub>1</sub> is Co(III), Cr(III), Ru(III), Fe(III), Mn(III), V(III), Ti(III), Y(III), Mo(III), W(III), Nb(III), Rh(III), Ta(III), Ir(III), Au(III), Al(III), As(III), Sb(III), Bi(III), Sc(III), La(III), Ce(III), Pr(III), Nd(III), Pm(III), Sm(III), Eu(III), Gd(III), Tb(III), Dy(III), Ho(III), Er(III), Tm(III), Yb(III) or Lu(III).